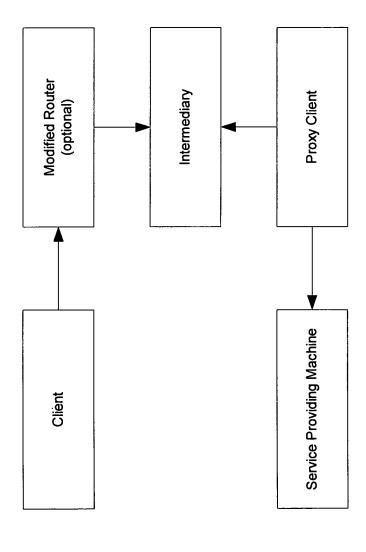
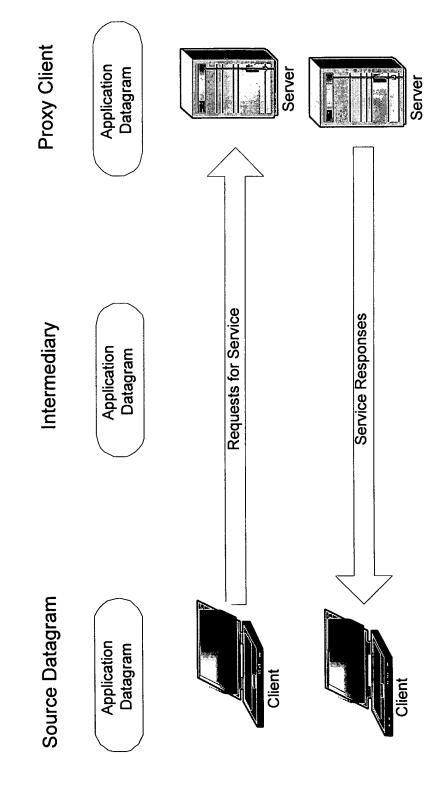
1/8

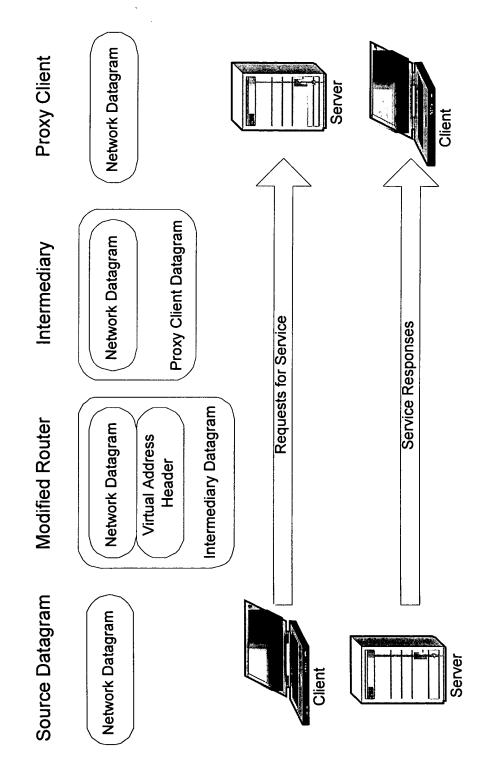


7

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Application Layer (HTTP, SMTP, POP3, FTP etc..)

Transport Layer (TCP, UDP) Network Layer (IP, ICMP, IGMP)

Link Layer (Ethernet, Serial Link etc..)

The 4 Network Layers

Application Layer
(HTTP, SMTP, POP3, FTP etc..)

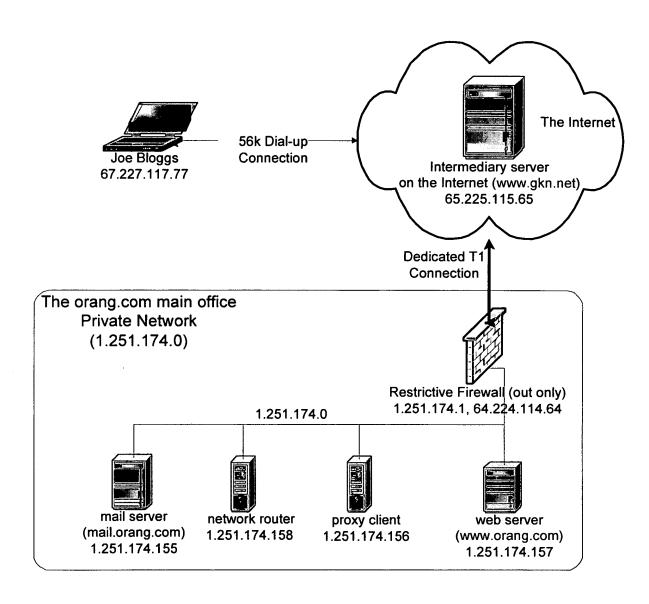
Embodiment 1: Point-to-Point Communication at Application Layer

Application Layer
(HTTP, SMTP, POP3, FTP etc..)

Transport Layer
(TCP, UDP)

Network Layer
(IP, ICMP, IGMP)

Embodiment 2: Network-to-Network Communication at Network Layer



**Proxy Client** 

Server

Intermediary

Client

## 

